

ABSTRACT

A high-speed low cost dry shaver includes a cutting assembly driven by a drive assembly. The drive assembly includes a motor and an associated drive shaft for operating the cutting reciprocations greater than eight thousand cycles per minute for the high-speed shearing operation. A replaceable battery supply is disposed within the shaver and operatively connected to the drive assembly as a sole supply of power to the drive assembly. Alternative rechargeable energy supplies are not included. A cam assembly is interposed between the motor and the cutting assembly for translating motor revolutions to cutting reciprocations. The cam assembly directly translates motor revolutions to the cutting reciprocations without reducing or enhancing operating cutting speeds. The shaver is included in a packaging assembly which makes a switch assembly of the shaver accessible to a user so that the user may move the switch assembly into a first operating position operable with only a continuous manual exertion while the shaver is disposed in the package for effecting a demonstrative operation. A second operating position of the switch assembly turns the shaver on, but can only be accessed after the shaver is removed from the packaging. The second operating position is inhibited from unintended acquisition by a protective portion of the packaging.